GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA

UNSTARRED QUESTION NO:1900
ANSWERED ON:15.12.2003
EXPLOITATION OF GROUND WATER
T.T.V. DHINAKARAN

Will the Minister of WATER RESOURCES be pleased to state:

(a) whether any survey has been conducted to assess the impact of usage of sub-soil water on the water table;

(b) if so, the regions where the water table has reportedly receded; and

(c) the steps being taken by the Government to check the exploitation of ground water in States?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRIMATI BIJOYA CHAKRAVARTY)

(a) & (b) A long-term analysis of ground water levels by the Central Ground Water Board (CGWB), under the Ministry of Water Resources during the years 1983-2002 indicates decline in ground water levels by more than 4 metres in some districts of various States of the country. The names of the States/districts having pockets with fall in water level in the last twenty years (1983-2002) are given in the enclosed Statement.

(c) Water being a State subject, it is primarily the responsibility of the concerned State Governments to plan, finance and execute schemes for augmenting water resources. The Central Government has initiated following measures to check over-exploitation of ground water:-

(i) Implementation of a Central Sector Scheme for Study of Recharge to Ground Water in the country.

(ii) Circulation of Manual/Guidelines on Artificial Recharge of Ground Water to the States/Union Territories to enable them to formulate area specific artificial recharge schemes to check the declining trend in ground water levels.

(iii) Circulation of a Model Bill in the year 1970 which was re-circulated in 1992 and again in 1996 to all the States/Union Territories to enable them to enact suitable legislation for regulation and control of ground water development.

(iv) Organisation of mass awareness programmes and training courses on rain water harvesting and artificial recharge of ground water.

(v) Constitution of Central Ground Water Authority under the Environment (Protection) Act, 1986 for regulation and control of ground water management and development.

(vi) Launching of a website on Roof Top Rain Water Harvesting (www.cgwbindia.com) to make aware and educate the public about various techniques of harvesting rainwater and store it for future use.

STATEMENT REFERRED TO IN PARTS (a)&(b) OF THE LOK SABHA UNSTARRED QUESTION NO. 1900 DATED 15.12 REGARDING EXPLOITATION OF GROUND WATER

Name of Districts showing fall of water level (in parts) in last 20 years (1983-2002) during Pre-Monsoon period

S. No.	State	Districts showing Fall of More than 4m. (@ more than 20 cm per year)
1	Andhra Pradesh	Adilabad, Anantapur, Chittoor, Cuddaph, East Godavari, Guntur, Hyderabad, Karimnagar, Kurnool, Mahbubnagar, Medak, Nalgonda, Nellore, Nizamabad,

Prakasam, Ranga Reddy, Srikakulam, Visakhapatnam, Vizianagaram, Warangal, West Godavari

2 Arunachal Pradesh East Siang

3 Assam Jorhat, Karbi Anglong, Morigaon

4 Bihar Darbhanga, Gaya, Khagaria, Samastipur

5 Chhattisgarh Bastar, Bilaspur, Dantewada, Dhamtari, Durg, Janjgir-champa, Kanker, Korba, Raigarh

6 Delhi Central, New Delhi, North West, South, South West, West,

7 Gujarat Ahmedabad, Amreli, Banashkantha, Baroda, Bharuch, Bhavnagar, Dangs, Jamnagar, Junagarh, Kheda, Kutch, Mehsana, Panch Mahal, Rajkot, Sabarkantha, Surat, Surendra nagar, Valsad

8 Haryana Bhiwani, Faridabad, Gurgaon, Hissar, Jind, Kaithal, Kurukshetra, Mahendragarh, Panchkula, Panipat, Rewari, Sirsa

9 Jharkhand Gumla, Palamu

10 Karnataka Bangalore, Belary, Belgaum, Bidar, Bijapur, Chitradurga, Davanagere, Dharwad, Gadag, Gulbarga, Hassan, Haveri, Kolar, Koppala, Mandya, Mysore, Raichur, Shimoga, Tumkur, Uttar Kannada

11 Kerala Iduki, Kannur, Kollam

12 Madhya Pradesh Barwani, Betul, Bhind, Bhopal, Chhatarpur, Damoh, Datia, Dewas, Dhar, Guna, Gwalior, Hoshangabad, Indore, Jabalpur, Jhabua, Katni, Khandwa, Khargone, Mandsaur, Morena, Narsinghpur, Nimuch, Panna, Raisen, Rajgarh, Ratlam, Rewa, Sagar, Satna, Sehore, Shajapur, Sheopur, Shivpuri, Tikamgarh, Ujjain, Vidisha, Chhindwara.

13 Maharashtra Ahmadnagar, Akola, Amravati, Aurangabad, Bhandara, Buldana, Chandrapur, Dhule, Gadchiroli, Jalgaon, Jalna, Kolhapur, Latur, Nagpur, Nanded, Nashik, Osmanabad, Parbhani, Pune, Raigarh, Ratnagiri, Sangli, Satara, Solapur, Thane, Wardha, Yavatmal

14 Meghalaya West Garo Hills

15 Orissa Angul, Balasore , Bargarh, Bolangir , Cuttack, Deogarh, Dhenkanal, Gajapati , Ganjam, Jajpur, Kalahandi, Khurda, Koraput, Malkangiri, Mayurbhanj, Nawapara, Nayagarh, Nowrangpur, Phulbani, Puri, Rayagada, Sambalpur, Sonepur , Sundargarh

16 Punjab Amritsar, Bhatinda, Faridkot, Fatehgarh, Ferozepur, Jalandhar, Karpurthala, Ludhiana, Mansa, Moga, Patiala, Ropar, Sangrur

17 Rajasthan Ajmer, Alwar, Banswara, Baran, Barmer, Bhilwara, Bikaner, Bundi, Chittorgarh, Churu, Dausa, Dholpur, Dungarpur, Ganga nagar, Hanumangarh,Jaipur, Jalore, Jhalwar, Jhunjhunu, Jodhpur, Karauli, Kota, Nagaur, Pali, Rajsamand, Sawaimadhopur, Sikar, Sirohi, Tonk, Udaipur

18 Tamil Nadu Chennai, Coimbatore, Cuddalore, Dharmapuri, Dindigul, Erode, Kancheepuram, Kanniyakumari, Karaikal, Namakkal, Perambalur , Pudukkottai, Ramanathapuram, Sivaganga, Thanjavur, Theni, Tiruchirappalli, Tirunelveli Tiruvallur, Tiruvannamalai, Triuvarur, Viluppuram

19 Uttar Pradesh Agra, Aligarh, Allahabad, Azamgarh, Badaun, Bahraich, Ballia, Banda, Barabanki, Bareilly, Bulandshahar, Deoria, Etah, Etawah, Faizabad, Fatehgarh, Fatehpur, Ghaziabad, Gonda, Hamirpur, Hardoi, Jalaun, Jaunpur, Jhansi, Kanpur, Lakhimpur, Lalitpur, Lucknow, Mainpuri, Mathura, Meerut, Mirzapur, Moradabad, Muzaffarnagar, Pratapgarh, Raebareli, Rampur, Saharanpur, Shahjahanpur, Sitapur, Sultanpur, Unnao

20 West Bengal Bankura, Bardhaman, Birbhum, Dakshin Dinajpur, Haora, Hugli, Jalpaiguri, Mednipur, Murshidabad, North Twenty four Parganas, Puruliya, South Twenty four Parganas